

THIS MONTH WE SALUTE
**THE ORLANDO
RADIO CLUB**

SEE PAGE 5

**SUBSCRIPTION EXPIRES
THIS ISSUE**

8

FLORIDA SKIP

Vol. 10 No. 10

The All Florida Radio Amateur's Publication

March 1967

Price 20¢



This lovely lady is Mrs. Marie McKechnie WA4ZFK of Chipley, Florida. Marie, mother of two girls, shares this beautiful station with OM Mac W4IKB newly appointed Net Mgr. of the West Florida Phone Net and W/F PAM, Marie is assn't radio officer in Washington County RACES and active on 75 and 2 meters. She also keeps up with OM mobile on 2 meters. (Photo by W4IKB)

Barry Goldwater Speaks

Barry Goldwater, K7UGA was guest speaker at the Ft. Myers Chamber of Commerce banquet Feb. 2nd. The Fort Myers Amateur Radio Club Prexy Ernie Hendry and Louis Persons, W-4PJG presented Barry with a

life membership in the club and a small trophy. K7UGA had some very kind words for the local gang, as well as amateur radio in general during his speech. W4SMK

BPL AWARD

Recently there have been comments on this award from several sources which seem to indicate considerable misunderstanding of its purpose.

The words "efficient" and

(Continued on Page 8)

Miami ARRL Hamboree

BY Reg Kramer W4ILE

The 1967 Hamboree has come and gone...the memories linger on. Many old friendships were renewed and many more were begun anew...it was great meeting QFNers and GATORS like BVE, KDN, AIW, FPC, EHW, VFY, LDM, IMC, YSN, JWM, and KRC all for the first time...along with our phone netters like AKB, FGH, TWD, YPX, NEV, TBM, WXS, QBY, and OAO, VZD, LHK and RTTY-er ZAG.

Guess one of the biggest of many pleasant surprises was setting down to eat a "hot-dog" along with a bunch of red-vested club members from up-state...and glancing around we spied Otis "OB" Rawls...W4FXH...one of the ole EAL gang...also enjoyed "eyeballs" with FWI, QAY, GHP, ABI, and others of the ole gang at EA and MTD days.

Our "bull sessions" up in the hotel rooms with Jesse-MVB, Andy-IYT, Frank-RKH, George-MLE, Bill-NEV, Ron-YPX along with "dropper-inners" were both enjoyable and productive...ending up on the next floor with W4LVV our Division Director, K4SJH Ass't Director and Bob Chapman W1QV, New England Division Director....into the wee hours...we really hammed it up and a good time was had by all.

Sunday morning our traffic-hounders breakfast was attended by 18 early risers plus about

(Continued on Page 16)

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Dear Mabel XYL Award, c/o Skip, Box 501, Miami Springs, Fla.

FLORIDA SKIP CORRESPONDENTS

IT'S A FACT. Geo. Hunt, W4NUT
1218 S.W. 21st Ct., Ft. Lauderdale.

"Special OT reporter, Lee R. Scagliozzi, W4VLN, 1226 1/2 - 15th St. N., St. Petersburg, Fla. 33705."

HINTS & KINKS. R. V. Frederick
K4UGC, 460 N. W. 108th Terrace,
Miami 33150.

ONYX, MABEL, THE OLD TIMER
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160 M.-Dave Hayden, W4WHK, 630
River Road, Orange Park, Fla.

VHF - Bertha Eggert, W4BMC,
1510 - 17th Ave., No., Lake Worth.

Amateur TV. Robert Montgomery
K4VVF, 903 Ferndell Rd., Orlan-
do, Fla. 32808

ARMY MARS, W. E. Rabenhorst
AD4VWY, 1715 - 29th Ave., Vero
Beach, Fla. 32960

NAVY MARS, Jim Wilson W4GDK,
1204 Avacado Isle, Ft. Lauder-
dale, Fla.

FSBA. Chuck Ritchie. W4BUG. 4224
Northwest 4th Avenue, Boca Raton,
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Director, SE Div. C.J. "Chuck"
Bolvin, W4LVV, 2210 SW 27th
Lane, Miami, Fla. Ph. 448-5493

SCM-EASTERN FLA. Jesse Mor-
ris W4MVB, P.O. Box 1241, Jack-
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SCM-WEST FLORIDA. Frank M.
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Thurston, W4MLE, 2116 Gibbs Dr.,
Tallahassee.



Letters To Editor

Dear Andy:

This is to acknowledge with thanks two copies of the January, 1967, issue of "Florida Skip." The bit about the WWV announcer in the "Dear Gladys" column we noted with a great deal of interest and amusement.

I assume now that WWV has moved to Fort Collins and we have gotten a new set of announcements, "Mabel" will experience a new set of sensations.

For your information, the voice heard on WWV is that of a staff announcer on a television station in Atlanta, Georgia, since the company which manufactures the automatic announcing machine is located in that city.

I was also generally interested in your magazine. I feel it represents a very creditable effort and am circulating the copies among members of our staff. With many thanks.

Sincerely,
Yardley Beers, Chief
Radio Standards Physics
Division

Editor:

Many thanks for the Seasons Greeting Calendar from Fla. Skip Inc., I appreciate it very much, it came with the Feb., 1967 issue...

I like Puerto Rico very much, but I also miss Florida after living there 16 years in Ft. Lauderdale. I read Skip from cover to cover, and remember a lot of calls and names. As you can see I am changing my address as not to miss a single issue.

Best of 73,
Jean B. Desautels
KP4CNR

Editor:

Got my expiration notice today so am sending my two bux right now. Don't want to miss a single copy.

Tnx for the radiogram thru WA4-YAK regarding the gift subscription to WA9MOE (Bill DeGeer) in Gary, Ind. Bill received his first copy on one of our regular sked days. Bill said he really enjoys the Skip and wishes they had a publication like it up there in W9 land.

Bill and I have enjoyed weekly skeds for over two years now. I'm sure Skip will add even more pleasure to our association.

CUL & best 73's
WA4SCJ Chet
Tampa

Dear Andy,

I was just appointed last Thursday night as the official correspondent to Florida Skip by the Lake Amateur Radio Association, Lake County, Florida. I was also given the responsibility to edit the HAM SALAD, which is the official publication of LARA.

I hope in the very near future, that I can submit some type of articles from this area for publication in F.S.

As far as something about myself, I am 17 years old and a Senior in Leesburg High School. I moved to Leesburg in August of 1966 from Morehead, Kentucky, where I was Emergency Coordinator for 15 counties in northeastern Ky. I hold a general license, WA4TJS and operate a Collins 32S-1 transmitter, and a Hammarlund HQ-110AC receiver. Look-

ing forward to becoming a more active ham before going away to college. Hope to participate in some of the Florida nets etc.

Am a member of ARRL, AREC, PON, RCC, BPL, and ex Army MARS. I had 49/49 states in Kentucky and you can see what moving to Fla did for my WAS.

73,
Zach, WA4TJS

Editor:

It was nearly six years ago that we last exchanged letters and about that same time that we last QSO'd after the old FN net on 3675kc. It was then that we had a mutual friend in state Civil Defense, Art Melvin, W4UHY.

Now that college is over and I've become a family man and gainfully employed, I am once again spending my spare moments enjoying his hobby of hobbies.

I have been wanting to drop you a line and compliment your publication for the excellent job that it has consistently been doing. Now that I am the editor of the W4IZ Balanced Modulator of the North Florida Amateur Radio Society I will attempt to pick up with our club column where Jesse Morris left off.

From time to time I will attempt to donate an article for your consideration in SKIP... since my gainful employment is that of a broadcast journalist (in other words -- a newscaster--).

Enclosed you will find one of each... one article... one club column... you got my subscription last month.

Best 73,
Howard W. Kelley, Jr.
K4DSN
6563 Sapphire Drive
Jacksonville, Florida
32208

(Editor's Note: Welcome back Howard and congratulations on being with WF-GA-TV there. Looking forward to your excellent articles. AC.)

NEW CLUB PUBLICATION

The old HAM SALAD club publication of the Lake Amateur Radio Association is back on the press each month. Editor, Zach Bruce, WA4TJS, Box 1328, Leesburg, Fla. has outlined his plans for 1967 in his issue No. 1. Zach recently moved to Florida from Morehead, Ky. where he served as EC for 13 counties. He plans to be active on our Florida nets very shortly. Good luck to HAM SALAD.

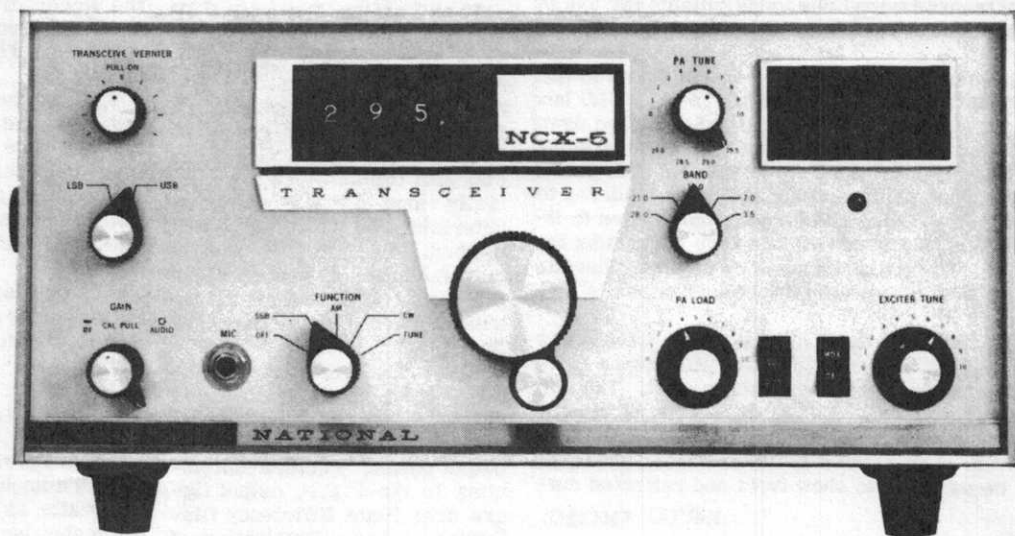


NOTICE!

ARINC AMATEURS

A newly formed ARINC net meets each Thursday on 3633 kHz at 9:30 p.m. EST. K3-FER and W3DSK ANP, WB4-ENJ ATL, W4AAT, K4OYI and W4IYT are on. Join us!

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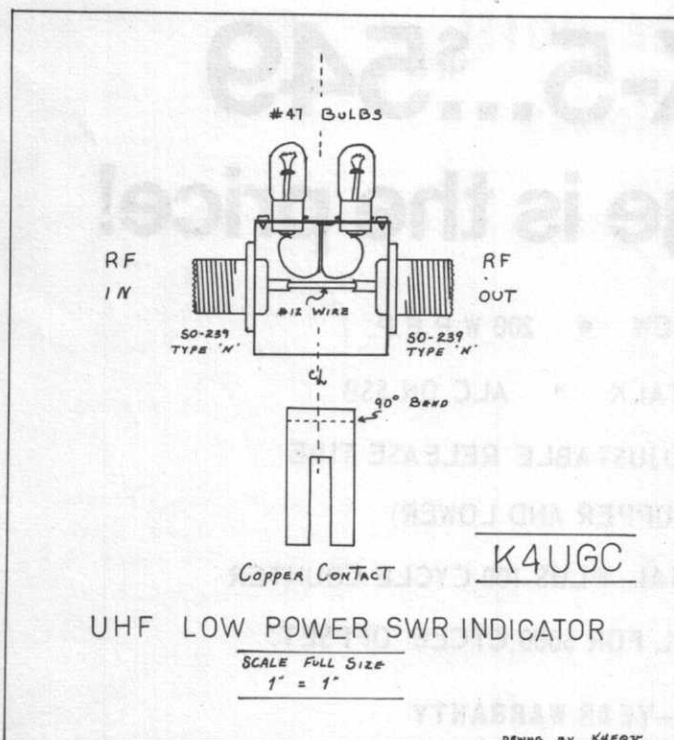
By Dick Fredricks, K4UGC *

Here is a low power SWR indicator that gives visual indication of conditions of transmission lines and is suitable for use in UHF frequencies up through 1200 MC. It is simple to build and simpler to use.

The diagram is almost self explanatory and is drawn to full scale for easy measurement. The container is any metal box with a detachable cover which can be screwed or bolted down for good electrical contact. Drill holes for the #47 pilot bulbs using a 3/8" drill for a tight fit and solder the bulbs in place. The contact can be copper shim stock and should be soldered to the cover between the two bulbs and bent at right angles to itself so as to form loops in a plane with the wire connecting the two coax connectors. The connectors can be any type that fits your needs and should be centered in the box. The box is a 1-1/2" cube.

When in use the bulb over the input connector should glow brightly while the output bulb should show little or no light. Adjust line and antenna until these conditions exist. The unit can be used in either direction. 1N23C diodes can be used in place of bulbs if the use of a meter is desired but should be insulated from cover. Conductors from the diodes should be shielded and may be switched to show front and reflected current.

K4UGC *MIAMI



P.E.P. Intake And All That Jazz!

By Jack Wainwright, W4IEH

Peak Envelope Power (P.E.P.) is a method for rating linear amplifier power capability. Amateur SSB transmitters are rated by the manufacturers in P.E.P. input for the reason of F.C.C. requirement. Commercial SSB transmitters are normally rated in P.E.P. output as determined by the two tone test method. The methods used by manufacturers to arrive at P.E.P. input figures for amateur transmitters are seldom mentioned.

P.E.P. input is defined as the D.C. input at the modulation envelopes peak, and may be 1.4 to 2 or more times the P.E.P. output power. Factors contributing to the P.E.P. output figure are: Plate Efficiency Distortion, Plate Dissipation of tube type, loading and power supply capability. Distortion is the prime limiting factor. To measure precisely the P.E.P. input to a given amplifier at a given moment is a very difficult thing to accomplish. As a result, various methods of approximation have been devised. The assumed method used by manufacturers to establish amplifier capability is the two tone test, which measures the peak envelope current without distortion, (flat topping) with unlimited driving power, times the plate voltage.

A method of P.E.P. input approximation and linear amplifier tune up procedure without a scope, which is fairly accurate, has been suggested in a past QST article by H. F. Wright, Jr. (W1PNB). It states, as an example, if your linear amplifier is rated at a plate voltage of 800 and a maximum signal current of 400 MA, (NOTE: Manufacturers ratings are for single steady signal, not speech) the procedure for tune up without a scope and P.E.P. approximation is as follows:

1. Insert a small amount of carrier from the exciter and tune the grid and plate circuits to resonance as indicated on an output indicator in the antenna feed line.

2. Adjust the coupling to the antenna feed line (usually a pinet output loading capacitor) for maximum output for a given plate current at resonance, in this case 400 MA. If the D.C. current is less than 400 MA,

the linear drive is insufficient or the antenna not matched as will be indicated by a SWR bridge.

3. Vary the amount of carrier insertion and observe output indicator, note the point at which increasing the carrier no longer results in rapid increase in output. This should be close to 400 MA. Use this figure to multiply by the plate voltage. This will result in the maximum signal linear power available of P.E.P. input. In this case, 320 watts.

4. Remove the carrier, adjust speech gain for a maximum speech peak of 200 MA on the Plate MA Meter. This will result in a speech P.E.P. input of 320 watts as above and allows for meter lag.

5. The above method should be used with caution, making readings rapidly and not extending time of heavy carrier insertion, possibly exceeding the plate dissipation of tubes. A scope should be used if available.

It is hoped that this will clear up some of the confusion on P.E.P. ratings and eliminate many misconceptions as to its meaning and application.

(From BARC Bulletin)

Criticism

Most of us respect ourselves more than does anyone else. In fact, we respect ourselves so much we can't see any need for a change. What we probably need most of all are a few rough treatments which will show us what duds we really are.

Generally, criticism hurts and angers. Whether it is constructive or not, some people feel it isn't necessary; it is not fair and they are confident they can do just as well without it. But how wrong they are. They need criticism; we all need criticism. Even when it is unearned, it is a privilege and an opportunity. Otherwise, how could we know ourselves or correct our faults.

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SATURDAY, April 29 - 0730 (Registration opens), Forums, ARRL meeting, 5,000 sq. ft. ground floor Swap Shop, Electronic shows, Races & Arec meeting, Net meetings, Prize Drawings, Florida Birthday Party, Transmitter Hunt on 145.2 MC., S.S.B.A. dinner & meeting, QCWA meeting & luncheon.

SUNDAY, April 30 - Knights of the Kilocycle Breakfast, Forums, Electronic shows, Prize drawings, MARS (Army, Air Force, & Navy), Races & Arec meetings, Florida Business Meeting.
1:30 Main Prizes (you can start home early)

MAIN PRIZES - Not one but two Swan 350's. You do not have to be present to win either one.

TICKET CHAIRMAN - Paul Montgomery, K4JSS, 303 W. Castle Street, Orlando, Fla., 32809

RESERVATIONS - Hal Shea, W4BKC, 736 Alfred Drive, Orlando, Fla. 32810

CLUB NEWS

GULFSTREAM SOC. of AM.

By Al Suhr, WB4AID

Members of the Gulfstream Society of Amateur Radio Operators conducted a demonstration of amateur radio at the North Palm Beach Private School on Friday, January 28, 1967. President Al Suhr, WB4AID, gave a brief history of ham radio. Vice President Frank Piverotto, WA4TBN, explained how the alphabet is organized through a system of dots and dashes in such a manner that makes it possible to send messages the world over.

The complete station of Floyd Jones, WA4IXS, was transported to the school and the young audience enjoyed actual "on the air" voice communication as performed by Floyd.

The Gulfstream Society of Amateur Radio Operators, with headquarters in Lake Worth, is a group of hams dedicated to service to others through education in electronics and illustrated programs such as the one given at the North Palm Beach Pri-

vate School. Preparations are now underway to offer classes in electronics and basic radio theory, as well as International Morse Code. Registration dates will be announced in the near future.

Secretary John Fulford, Jr., WA4VPY, underwent major surgery on Tuesday, January 24th. Happy to report that he is doing very well. Member Eddie Wilder, WB4AIG, has entered the U.S. Army and will soon be enrolled in the Fixed Transmitter School. Warren Little, WA4EFA, is now putting the RF in the air at U. of F. in Gainesville where he is in EE College.

The rest of us are holding down the new headquarters with brooms and mops getting ready for the first night-er classes. Oh yes, Frank, WA4TBN, is really enjoying his new SB401, what a signal.

LAKE AMAT. RADIO ASSN.

By Zach Bruce, WA4TJS

The Lake Amateur Radio Association has been fairly active in the past several weeks with a fair turnout each week. We have been having some very educational talks on different subjects, i.e., "Laser Beams, Radio Astronomy, Spark Gap Transmitters and a lot of other very interesting topics." We hope to get HAM SALAD back into publication very soon, which is the Official publication of LARA.

We have been discussing the possibility of undertaking a club project, which would probably be a 2-Meter transceiver. It was brought out that this would probably increase club attendance by a fairly large percentage if it was worked right. If any other clubs have taken on such tasks, I would appreciate hearing from you as what you built, and how it went along. I am sure that the club would be interested too. So, until next time, I would like to wish each amateur reading this the very best of 73' from the LARA.

Zach, WA4TJS

BROWARD AMATEUR RADIO CLUB, INC. W4AB

Meets 2nd Wednesday of Month
All amateurs invited to attend club meeting at:

Broward County Medical Association Bldg.
2200 S. Andrews Avenue
Ft. Lauderdale, Fla.
2nd Wed 8 pm
Affiliated with ARRL - AREC - CD

NOMARC WA4JKF

The North Miami Amateur Radio Club

Meets every 2nd and 4th
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Meets 3rd Mondays at
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City Yacht Basin
Visitors Welcome

Club Active in ARPSC/NTS/
RTTY/TV/CD/MARS/DX/
FD and all contests
P.O. BOX 73



"It's all ours," says WA4SGF of Jacksonville's NOFARS as he walks off with the FLORIDA SKIP FD Trophy at the Hamboree. NORFARS President Ron Locke W4YPX says, "We intend to keep it in 1968, too."

(Photo by W4YPX)

B.A.R.C.

By Jim Wilson, W4GDK

Many favorable comments were heard about our club booth at the Miami Hamboree. Our Vice President Sherry Friedlander and others who helped prepare and man the booth are to be congratulated on a very fine job.

Many were impressed by our Project Argus in which we are trying to help sightless hams by making available Tone Comparators with which they can tune their equipment by sound comparison. Two orders for these units were received through the booth.

The program at our February meeting was on "Lie Detectors". The subject was made very interesting and informative by Bob Hackworth, W4OEJ, who obviously knows his subject well. Proving the interest in the subject was a flood of questions. Finally our charming Vice President Sherry was tested by the Polygraph and the audience watched the reactions on the meter. We thank Bob for a very informative program.

We want to remind all our friends of the Club's famous Auctionfest which will be held Sat, March 11 at Cham-inade High School, 500 No. 52nd Ave., Hollywood, Fla. The doors open at 8 a.m. As usual there will be bargains galore. Directions are shown elsewhere in this issue.

The Broward Amateur Radio Club meets the second Wednesday of each month. Our next meeting will be on March 8, 8 P.M. at the Broward County Medical Assn. building at 2200 So. Andrews Ave., Ft. Lauderdale. All interested in ham radio are cordially invited to attend.

VBARC

By Dennis Yantz WA4YFY

It is with great pleasure that I report the return of Grover, W4DFZ. June 1966 Grover and his XYL moved to Chicago. Well, Grover says that when that snow started to fall he decided that the North-land wasn't for him. He surprised all of us at our

last meeting, and we're waiting for the word to put up his antenna.

I am also happy to say that VBARC will have its own two-meter round-table net. NCS will be WA4YFY. Net time will be 1900 EST on 146 MHz. The primary purpose of the net will be to spark up some more interest in the club. For this reason the net will be held every other Thursday starting Feb. 2, 1967, our meeting being on Thursdays between the net sessions. All are invited to check in and message traffic will be handled if there is any.

Courtesy of the Bell Telephone Co. members attending the Jan. 26th club meeting watched a movie entitled "The Big Bounce." It was about project Echo.

I wish to thank W4SVS, W4BWS, WA4WWP, and W4JDB, for the fine hospitality on my last trip to Melbourne. They're the kind of fellows who help make amateur radio what it is.

73 Dennis

NOFARS NEWS

By Jesse H. Morris, W4MVB

Giving the Boy Scouts a helping hand doesn't seem the job of hams but other Boy Scouts. But the North Florida Amateur Radio Society helped many a young scout not only to cross the street but gave him aid in transporting his load.

For the second year the NOFARS, with the cooperation of the Beaches Amateur Radio Society, provided communications for the Goodwill Industries' Helping Hand Day.... helping the scouts collect nearly 60-thousand bags of donated items.

Not only Jacksonville and the nearby beaches were linked via the two-meter portable and mobile units but St. Augustine, Palatka, Fernandine Beach, Orange Park, Gainesville, and Lake City.

The Florida Skip Field Day trophy has come home to rest in North Florida and according to the club board of directors other Florida clubs will really have to go some in 1967 to get it

(Next Page Please)

CLUB NEWS

back. President Ron Locke, W4YPX split the Miami scene during the January Miami meeting with the golden reward and proudly displayed the big trophy during the latest club meeting.

With the spring months about us, the subject of contest operating is a likely one. And that's just what occupied the minds of many Jacksonville operators during the February meeting. Eastern Florida SCM Jesse Morris W4MVB, George Werner W4ORT, and Dave Hayden W4WHK deposited a heaping quantity of helpful hints to NOFARS members on good procedures and good contests to get involved in. Hayden plugged the Florida QSO Party of which he is custodian... naturally.

TAMPA AMATEUR RADIO CLUB

By Marvin M. Bostain, WA4HDK
NR 79R W4ZAG NO CHECK TAMPA
FLORIDA 1500Z 8 FEB. 1967. VIA
AMATEUR RADIO TELETYPE

TO ANDY CLARK W4IYT FOR SKIP
MIAMI SPRINGS FLORIDA
BT

Although the Florida State Fair will be over when this column is printed, it is impossible at this time for your editor to state how successful the T-ARC Radio Booth was. According to all of our plans, the operation should prove to be a great success. The equipment has been installed in the Booth and checked out, and adequate lighting has been installed for the first time since the club took over this operation. All indications are that we should expect a more successful year than ever. Further details in next month's SKIP.

On February 20, Dan Reynolds, W4COP, arranged an unusual program. Mrs. Bubenzer of the General Telephone Company spoke to the club on NORAD (North American Radio Defense) Communications. A special telephone was installed at the club house and her presentation was timed so that she could contact the Control Center in Denver, Colorado, during her talk. This was a most informative program and one which the club will long remember.

FLORIDORA NEWS

By Cathy Soehl-W4BAV

Attention Floridoras! The nominations are coming in slowly--did you send yours? The Nominating Committee thanks those who cooperated and URGENTLY REQUESTS you send in your ballots immediately upon receipt, as the election will be at the Orlando Hamfest April 29 and 30th. Also it is time to remit dues for 1967; and don't forget YLRL dues also.

W4EHN-Betty and OM-Clem celebrated their 47th anniversary Jan. 10th. Congrats and may you have many more. Betty won a trophy on a QSO Party last May but has not re-

ceived same, so requested K4RHL-Elle to pick it up for her at the Miami Hambooree.

W4BIL-Fran and OM, W4WME-Bill are getting a new camper to travel around after Bill's retirement Feb. 1st. The Orlando Hamfest will be one trip planned for it.

K4HSC-Meg is on 2 meters now with a Clegg 22er. When her new tower was installed, they were amazed at the hole required, which took 2 1/2 yds. (6000 lbs.) of cement. They've been grubbing an 80' x 80' garden, which has paid off with delicious vegetables.

WA4NFA-Frances was welcomed with "open arms" when she attended the SPARC Installation Dinner, Jan. 13th. Happy to report she looked fine, though still navigating on crutches, and is recuperating slowly.

K4RNS-Marge's son is, Bob, rather than Mike as mentioned in Jan. column and the souvenir envelope was from the Gemini splash-down. My apologies, Marge, for the "boo-boo."

73, Cathy

SUNCOAST ROVING REPORTER

By Cathy Soehl, W4BAV

SPARC Installation Dinner, Jan. 13 at the Sand Dollar Rest, was well attended. W4JOU-Bob did his usual FB job MCing and introducing the new officers: President-W4WME-Bill; Vice President-W4GUG-Carl; Secretary-Treasurer-W4TDK, Naomi and Directors: W4RUR-Ed, W4KC-Bill and K4KKK-Jim. W4LTE-Wayne (retiring Pres.) and XYL-Marie were missed as they were called away due to sickness in the family. Congrats to the new officers, may the Club prosper under your guidance.

W4WME-Bill recently talked to W4JM-Ray Vermillion, of Valparaiso and a former resident of St. Pete, and learned Ray is planning to retire soon and return to St. Pete.

K1TBO-Betty and OM, K1QOZ-Jim left Bradenton and are now living at Apt. 1-B, 900 Dryden Rd., Ithaca, N.Y. 14850. Jim is enjoying working at Cornell Univ. in the electronic shop in the Nuclear Physics Lab. Betty is

looking forward to the day they can return from the "frozen North". She recently worked WB4CQS-Ted, in Clearwater, on a 6-meter band opening and caught up on all the news down this way.

Congrats on picture of K4AV in his shack, together with nice write-up, that appeared Jan. 17th, in K4BNE-Rick's weekly "Ham Shack" column, St. Pete Independent.

K4BUM-Claude and XYL WA4BLT-Kay are very proud of granddaughter, Mary, who is a WAC, stationed at Walter Reed Hospital in Medic Division. They may soon have another ham in the family, as their other granddaughter, Margie is studying for her license.

INDIAN RIVER

By D.R. Klobe WA4KJV

Did you go to the Miami Hamfest? You missed something if you didn't. About 10 of us went. Harmon Strieter, W4DQS, went down for Saturday and Sunday and the remaining 9 of us followed on Sunday. We had a real fun time. The remainder of the group consisted of W4HGG, W4FXH, WA4RIA, WA4DAN, W4REN, WA4WYM, WB4EBH and son and your's truly WA4KJV.

We wore our new RED jacket's to Miami and they sure drew a lot of comment's. I know I was looking at a lot of gear and I could hear people from behind reading the emblem on my back aloud to themselves. Anyone wanting some information on the jackets just drop me a line at INDIAN RIVER AMATEUR RADIO CLUB INC., Att. D. R. Klobe Secretary, P.O. Box 5, Cocoa, Florida 32922.

The Hamfest was real great. Lot's and lot's of gear both new and used. I really shouldn't go to those things. I look, fumble and drool at all the new gear and then come home and look at my station as if it were some kind of catchy disease. After a couple of weeks I come back to this world and I'm fat dumb and happy again.

Bob Husband, K4WSJ, gave a real good technical talk on transistors. Our technical talk's are starting to pick up and our attendance seems to

be picking up in direct proportion.

The paper's for re-affiliation with the ARRL are in the mill as well as an application for a club call. Maybe by the next writing I can give you a report on both. Both item's are being handled by Jim McDonald WA4FBO.

At our meeting's, we try to hold an auction of old radio gear to fatten our treasury. Well, at last meeting we sold our first piece of non-radio equipment. The club body was told it was gold plated and in good working condition. The bidding was cut off at around 55¢ to Charlie Grant, WA4DAN. He took his prize and hurried back to his seat and opened it. Take

back to his seat and opened it. Take good care of your newly acquired goldfish, Charlie.

While we were in Miami we met Hal Harmon, WA4WVP and John Gaston, W4VDM of the PLATINUM COAST AMATEUR RADIO SOCIETY. How about that, here they are about 20 miles away and we meet 200 miles from home. We helped talk each other out of Miami VIA 2 meters after the hamfest ended. One of us acted as sort of a spearhead and the rest followed.

73 for now es CU next month.

SOUTH MIAMI RADIO

By W4NE

At the annual election the last meeting in January, the following new slate of officers took over the direction of club affairs for 1967: Pres., Max Holland W4MEA; Jim Allison WA4KIL, Vice President; Claude Lamar WB4CTD, Secretary; and Jerry Cameron WA4WUD, Treasurer.

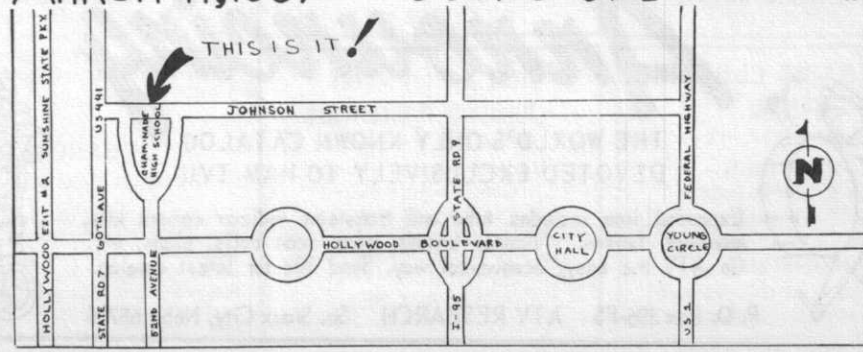
All backsliders and former SMRC members take note of the fact that we are now meeting in the Industrial Arts Room at Ponce de Leon Jr. High School just off US-1 and opposite U.M. This meeting place gives us more conveniences of every sort than we have had since we met at the CD center a number of years ago.

At our most recent meeting we had a pleasant surprise visit from one of

(Continued on Page 14)

ALL ROADS LEAD TO THE BROWARD AMATEUR RADIO CLUB AUCTIONFEST

CHAMINADE HIGH SCHOOL-HOLLYWOOD, FLA.
MARCH 11, 1967 DOORS OPEN-8 A.M.





By AD4VWY (WILL)

The Army MARS Booth at the Miami Hamboree during January was set up by Bun, AA4EBY, assisted by AA4AO, A4DRD, A4ELR, AD4GKF and AA4KHT.

Tables in the booth were decorated in Third Army colors and displayed the many fine items provided by HQ to be awarded as prizes at the Army MARS meeting on Sunday.

Walls of the booth bore the MARS insignia and both national and world-wide maps indicating Army MARS traffic routes and establishments, both state-wide and foreign.

Forty-two members attended the meeting presided over by Florida District two Director Gene Farthing, AA4KHT, who also conducted the drawing of prizes.

Bill, AD4IHH, VHF Coordinator, spoke on plans and development of the MARS VHF program in the Third Army Area.

We were honored by the presence of Deputy MARS Director, Third U.S. Army Mr. Wade L. Nelms, A4ZNY, Fort McPherson, Ga. who addressed the meeting and showed slides of the stations of prominent Third Army MARS members and 2 meter repeater installations.

Mr. Nelms also conducted the joint MARS forum in the main auditorium, in which representatives of Army, Navy and Air Force MARS participated. 73, Dick, A4DRD.



Here is another shot of K4PDR-TV in Lutz, Fla. Recently PDR ran some tests which worked out beautifully. While not working at WFLA-TV in Tampa, he is home building his own amateur gear. How many in Florida are now active on ATV?

BPL AWARD

(Continued from Page 1)

"skill" have been used when speaking of this award. According to my understanding of the requirements to receive this award it is only necessary to handle (and report to the SCM), on amateur bands, using ARRL procedure either a total of 500 messages covering originated, received, relayed and delivered OR to have a total of 100 messages covering originations and deliveries in any month reported.

At this date nothing is said about it being necessary to do this using the CW, Phone or RTTY modes exclusively and nothing is mentioned about how good you must demonstrably be while doing it. If you are a 13 WPM CW operator and make it - fine - and it's possible if you have the time, etc. If you stammer on phone and it takes you longer than anyone else but you still make it - fine. If you don't type so good on RTTY etc. and you make it - also fine. There

is nothing on the BPL card that shows the ability of the operator concerned. It merely shows that this operator worked hard enough to earn the BPL award.

It does seem a bit incongruous that it is still call the BPL (Brass Pounders League) award since this is no longer applied to CW operators alone. However, if the Phone or RTTY traffickers don't mind and the CW men can live with it, for gosh sakes let's keep the old name and not have another one of these Hertz things come up.

Don't forget, ladies and gentlemen hams that your SKILL is measured by the ORS, OPS and A-1 Ops awards. Please calm down.

K4SJH

GRID LEAKS

He flunked the general so often that the last time he went up for a re-exam, they mistook him for the janitor and handed him a mop and a bucket.

Onyx

Operator Of Month

Al Marcy was born in upstate New York and first took to the air in 1912 with a snappy two slide tuner, iron pyrites detector and a one inch spark coil. Al's amateur career has spanned all phases of radio from Spark, SW and Phone to present day SSB operation. Calls held include RM, 8 BUM, 8NQ, 2DK, W8IC and W4ID.

On the business side, Al's earlier years were spent in broadcast engineering - as broadcast engineer-owner (19-23); Engine Fada Radio (1923); tasks on the side and in between. He served in the Pacific during WW II and in Korea while with Uncle Sam's Army.

Al retired from the regular Army in 1955 as a Colonel and immediately went to work for RCA as engineering coordinator for the Atlas Program and, latter in managerial assignments. He retired - again - from RCA in 1965.

Al's big interest is finishing the preparation of a semi-historical amateur radio publication encyclopedia. (See ad this issue). He has cataloged over 1200 publications presently going back as far as 1909.

In addition he has a small antique collection containing among other things, several from the original 1912 station. His library includes an extensive collection of 6,000 old wireless and amateur publications, books, etc. He receives 150 or more amateur radio publications monthly, most of which are read from cover to cover.

Col. Al Marcy is a life member of the Quarter Century Wireless Association, a member of the Old, Old Timer's Club and Antique Wireless Association, ARRL, ARNS and AREA.

(By K4UIZ)

More Moon Bounce

Attention VHFers. Another moonbounce success has been reported. On January 27, from 0600 to 0700 GMT, W6DNG worked F7DO on 144 MC. Although no new record, the average beam setups used are of particular interest. W6DNG used a 32 element colinear while F7DO used 8 yagis.

(ARRL OB 98)

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The Florida Side Banders Association

By "Chuck" Ritchie W4BUG

The Florida Sidebanders Association would like to at this time extend congratulations to one of our own members Jesse H. Morris W4MVB who takes over as our new SCM for Eastern Florida relieving Al Hamel K4SJH. Referring to a motion passed on the floor during one of our "on the air" meetings the membership unanimously supports our new SCM and gives him great encouragement during his tenure in office.

Before I leave this subject, I want to say that we are losing a great and devoted man, Al Hamel as SCM. K4SJH has meant a lot to us in Ham Radio and it is with deep regret that we see him give up this position. We are happy that he is retaining his post as Vice Director for Southeastern Division of ARRL.

Our project for the School for the Blind at St. Augustine was completed this month with a very generous donation of

equipment from The Heath Co., Benton Harbor, Mich. This project has been in the process of equipping and installing two stations at the school, also a good antenna system. It has been reported that a code tape machine was given just last week and already 22 students have signed up for code classes. A lot of gratitude and appreciation go out to our chairman W4SCY and his committee for a job well done. A cordial invitation goes out to every one in the area of St. Augustine to pay the Radio Club at the school a visit.

After going to bed on this article last time (after press time) we have had the addition of the following members. WB4AZO, Ray Beckman, Lakeland; K8LN-E/4 Bernard J. McGinity, Bradenton; WA4YNW Gene Burton, Brandon; and W4LJM David Nelson of Lake Wales. We welcome you all into the Association.



Meet our new Eastern Florida ARRL SCM - Jesse Morris, W4MVB of Jacksonville. Please address all reports and correspondence to Jess. See page 2 for his address. Good luck Jess we'll be in there behind you OM. (Photo by W4YPX)

All ready plans are in the making and a committee will be selected to form the activities for the Orlando Hamfest coming soon.

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In order to pick up a few new messages, Regis Kramer W4ILE, Miami installed this neat display and message box at his place of business. Here Dotty KRECL takes advantage of this free ARPSC service. Reg plans another display to be installed at Barry College. Does this give you guys any ideas?

(Photo by W4ILE)

Magnetic Deviations

By Howard Kelley, K4DSN

If you're a real stickler for accuracy and you want your beam or quad to really be on the beam, it's imperative that the antenna be calibrated to true north and not magnetic north.

Living in Florida has its advantages in this respect. No where in the Sunshine State is the deviation from true to magnetic north more than five degrees.

Below is a chart showing the deviation between the two for major cities in Florida. For points in between contact the nearest Federal Aviation Administration Flight Service or the Environmental Sciences Services Administration (the weather bureau).

Jacksonville	+ or - 0
Key West	+ or - 0
Melbourne	+ or - 0
Miami	+ or - 0
Orlando	+ or - 0
Pensacola	4 degrees East
Tallahassee	2 degrees East
Tampa/St. Pete	1 degree East

All readings East of magnetic north should be SUBTRACTED, all West should be ADDED.

6563 Sapphire Drive
Jacksonville, Fla. 32208

Ham TV, Quarter Century Ago

By Leo R. Scagliozzi, W4VLN

When Marconi flashed his primitive spark signals over the land he ushered into the world a new method of communication that superseded the smoke and light signals used for centuries by humans all over the world.

In rapid succession over the intervening years hams became acquainted with the "roaring spark", rotary gap, hartley, TNT, TPTG, MOPA, crystal control, loop modulation, Heising, SSB, ham TV, and inbetween facsimile. All this contributed to the ham's advancement in the amateur radio field. However, no medium of amateur communication has made such rapid strides in the field as has ham television. This fact was brought forth in a recent article featured by Florida SKIP.

The story, with its accompanying photograph, amazed me with the maze of complicated gear necessary to receive and transmit pictures today. Such was not the case more than 25 years ago when unheralded and unsung, a small group of hams



Nearly 100 amateurs, members and friends of members attended the Tropical Hamboree. This was a joint meeting of the South Eastern Florida Chapter and the Gator Chapter.

W4GJ, Chairman of the SE Chapter opened the meeting and then promptly introduced W4FIU, Chairman of the Gator Chapter.

W4BGO was introduced as the recent QCWA winner in the national contest. W4YM spoke on the Gator chapter activities. W4DKJ reminded us of the good old days and the many strides the QCWA had made.

W1QV, NE ARRL Director introduced W1DF, Mr. Grammer of QST Tech-fame, who spoke on QCWA activities in the Connecticut area. W4ZM of the Washington DC Chapter advised of activities in D.C. where W3RE (formally of Miami) is leading the roost.

Membership in the QCWA is open to all amateurs of 25 years or more. The Florida QCWA frequency is 3913 kHz. Look for the gang at 10 a.m. any morning especially on weekends.

The annual QCWA contest was Feb. 10-12th. Results will be published later. 73-W4JO, Sec. SE Chapter.

were experimenting with the "new" medium. Prominent in this field was Dana Griffin, who operated W2AOE from Plainfield, New Jersey. At that time television engineers and experts from commercial stations assembled at his home to marvel at the clarity of pictures sent and received with his low-

WESTERN FLA. NEWS

By Frank M. Butler Jr., W4RKH

Tallahassee: The 10-meter net now has 12 stations on the roll. Check in on 28.8 Mc. at 2000 EST on Monday and Thursday. Perry: WA4WUV is active on 75m WFPN. Marianna: WA4DED, EC, has acquired and equipped a vehicle for emergency communications, with aid of local merchants. W4KCA has a BC-640 with 100 watts on 2-meters.

Chipley: WA3GII/4 moved here and is active on 80 meters. Panama City: WA4FLJ finished repairing the HF linear and is working on a 220 MC. portable rig. WA4ZGI's XYL is now WB\$EVS. WA4ZGI, with the aid of W4SGG and W4IKB, delivered a death message to Africa from Port St. Joe.

Defuniak Springs: WA4PXR got married recently, but still finds time to handle traffic with South American missionaries.

Fort Walton: W2TPV, with

XYL WN2VYK, is stationed here. He is assisting W4BVE as QFN Manager and was appointed ORS. The Playground ARC heard an interesting talk on Panama at the January meeting. The EARS transmitter hunt/picnic drew a large crowd; the winner was W4AQN, followed by WN4EQU.

Pensacola: New club officers are K4SOI, President, plus WA4IZM, K4SMB and K4BSS/4. Meetings are held the first Friday of each month at 7:30 PM.

powered equipment. Tests were conducted over a 25-mile radius, an amateur DX record on low cost equipment, mostly home constructed, high-lighted by a conspicuous absence of elevated transmission towers.

TOP TWENTY TRAFFIC TAKERS

Each month we are happy to list the top 20 Florida traffic takers. We hope to see your call here next month.

For January 1967:

1. W3CUL/4	BPL	1503	11. WA4LJH	192
2. WA4SCK	BPL	766	12. W4BVE	179
3. K4VFF	BPL	405	13. WB4AHA BPL	174
4. WA4NEV	BPL	404	14. W4AKB	143
5. WA4BMC	BPL	404	15. WA4FGH	139
6. WA4TWD		293	16. WB4AJV	136
7. WA4RQR		274	17. K4BSS/4	126
8. W4ILE	BPL	274	18. W3VR/4	109
9. WB4AIW		266	19. K4SJH	87
10. W4FPC		203	20. WA4EOQ	83

NET NEWS

FLAMINGO NET NEWS

By W4EDP

The 10 meter band is in full swing, and the Flamingos are swinging right with it. There has been gobs of DX available for the taking, Europe in the AM and the Pacific area in the PM. The net is in full swing locally too. The wheels are turning on a program to keep everyone interested: XMITTER hunts, contests, etc. The roll call is getting longer every Friday. sure hope Walt's tonsils hold out. Been doing pretty good so far.

"Come on down" to 29.044 MC at 7:30 on Friday and get in on the fun with the rest of us.

73 es gud DX W4EDP

FMTN

By W4AKB

On January 13, immediately following the net, a round table discussion was hid by W4GUJ through a two meter relay station W4PLE to the Venetian Elementary School in Jacksonville. The following stations participated: W4AKB, W4FP, W4SCK, W4FGH, K4DAX, K4YMN, K4CBV, K0BWA/4 and W44ZZ. W4GUJ acted as relay station for W4PLE who was located in the 6th grade room. The students asked questions of the participating stations and it turned out to be a very interesting half hour. The session was tape recorded by W4AKB and sent to W4GUJ.

Our Net Manager, Clyde W4SDR, was released from the Halifax General Hospital, Daytona Beach on Jan. 14 and checked in on the net for one hour after getting back home.

We are glad to hear June W4ESL in Ft. Pierce is happy again now that her OM has recovered from his recent illness.

Elections for Net Manager and Asst. Mgr. for 1967 were held in January with the following result: Net Manager, Clyde W4SDR 6 Votes; Asst. Net Mgr. Herb K4DAX 3 votes; and W4FP Tom 1 vote. Needless to say we are all happy with the results but we could have used more votes.

There were 26 sessions in Jan. attended by 656 stations handling 359 formal messages. Average QNI was 25.2; average QTC was 13.8.

During the month of Jan, the following stations were NCS: W4AKB (9); K4DAX (4); W4WYL (5); W44COR (4); W4ILE (3); and W4SDR (1).

So let's see everybody on 7230 kcs at 1700z (noon). All modes are welcome to check in. Let's make this year our best year. It was nice seeing everyone at HAMBOREE Breakfast.

73, Charlie

SATN

The SATN has once again attained the status of having a different NCS for each night of the week. Thank the Lord for little favors. SATN now has the following line up of NCS: Monday, W4YH, Bruce, Jacksonville; Tuesday, WB4DSP, Jay, Gainesville; Wednesday, W9JVV, Ed, Seelyville, Ind.; Thursday, W4YH, Don, Gainesville; Friday, K4PVA, Greg, Elizabethton, Tenn.; Saturday, W4RQR, Bill, West Palm Beach.

Jay, WB4DSP, is bound and determined to work out of Fla. with his TR-3 and 20 ft. high dipole. Jay tells me the solution is the pair of 813's in grounded grid that he is homebrewing, Good Luck?

Walt, W42ALV, is itching to publish another one of his famous Newsletters. If you have any information that you think would be helpful to all, let Ole Walt know about it.

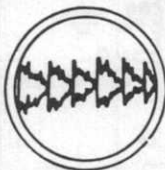
I sure was surprised to hear Ron, W4YPX, on the net the other night. Strange things sure do happen when the love bug bites, uh, Ron. Ron was just learning to speak Dutch so well too, guess you will just have to scrap that idea Ron.

The SATN had 223 stations checking-in, and handled 160 pieces of traffic.

Bill, W4RQR

FLORIDA SIDEBAND ASSOCIATION

Meets Sundays 2200 GMT - 3940 kHz



FSBEN - Thurs.
3940 kHz
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FAST Net
Daily
3940 kHz
2300 GMT

A FRATERNAL ORGANIZATION
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FLORIDA ARPSC NETS

NET	QNI	QTC	SESSIONS	AVG TFC
FAST	1095	311	27	11.5
GATOR	242	197	31	6.4
WFPN	659	128	31	4.13
FPTN	502	210	26	8.0
FMTN	656	359	26	13.8
TPTN	730	283	25	11.3
QFN	690	445	62	7.81
FATT	202	67	31	2.2
SATN	235	163	21	7.7
SATN	513	782	25 (late Dec.)	31.2

QFN NEWS

By BOB BLUMBERG WA4OHO

The recent Miami Hamboree provided an excellent opportunity for QFN members to meet each other. W4BEV, net manager, reports he was especially happy to meet some of the newer net members. All QFN members are now looking forward to the Orlando Hamfest with its annual QFN Breakfast.

I wish to thank QFN for electing me net manager for Eastern Florida. I only hope I can do as good a job as past manager W4LUV. To do the job effectively will require help and cooperation from each net member.

W4BEV now has an assistant to help him with the QFN records. W2TPV/4 lives very near to Alan in Ft. Walton Beach, where he is a pilot at Eglin AFB. All QNS reports should now go to Wayne. W2TPV/4 wishes to stress the fact that a QNS report is due for each session of QFN, to be sent in as soon as possible. Several reports are missing for January. This makes keeping accurate records difficult. The 57 out of 62 reported sessions showed a total QNI of 690, total QTC of 445 and a total time in session as 1235 minutes for a rate of 0.360 messages per minute.

W4ILE, Reg, has taken over publication of the QFN Bulletin and would appreciate any material outside of that asked for.

A noted fault on QFN recently has been a lack of net control station identification. Sometimes almost ten minutes will pass with no identification.

QFN is happy to welcome W4FBL/4, Walt, as a member of QFN in Tampa. QFN needs stations from every city in the state to distribute incoming traffic more efficiently. W4IXN of Columbus, Ga., has recently been checking in to give Ga. bound traffic a quick trip.

QFN awaits your appearance on 3651 kc. daily at 2330 and 0300 Z. CU there.

Let's Compare Antennas

By RALPH SHAW, W44HIZ

"My antenna has 13 db gain, low angle radiation, and horizontal polarization." This could easily be someone's comment during a QSO when talking about their antenna system.

13 db gain --- A decibel is nothing more than a ratio using constants and logarithms to compare the relative size of two expressions. Most radio amateurs base gain figures to the DIPOLE rather than the theoretical point source ISOTROPIC antenna used mostly in commercial work. Thus, by 13 db gain, a ham usually means that the main lobe of forward radiation will exhibit a signal strength 13 db greater than that of a dipole antenna.

Low angle radiation --- What radiation is low relative to what? The angle of radiation refers to the angle above the horizon. Low angle radiation would mean that the axis of the main power lobe from an antenna makes a small angle with the horizon or is close to parallel to the surface of the earth. A low radiation angle is most important in working DX because it allows the signal to travel the greatest distance before being reflected to earth by the ionosphere.

Horizontally polarized --- What in the radiation is polarized horizontally to what? Signal polarization is the position of the radiated electrostatic lines of force relative to the surface of the earth. Thus, for a linear radiator such as a dipole the electric-field component is in the same plane as the dipole while the magnetic field component is at right angles.

(FM The Atlanta Ham)

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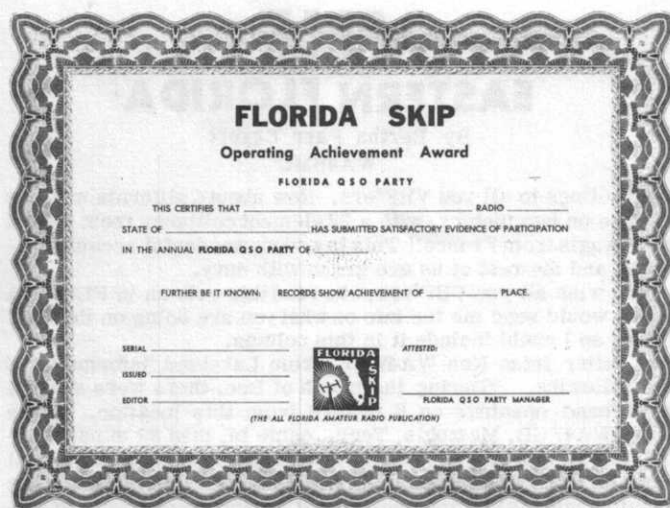
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ATTENTION - HAM & WIRELESS TELEGRAPHERS

Orlie H. Coates, ex-W7BEZ and a retired telegrapher, who is now living in Pinellas Park, advises the Morse Telegraphers Club will have their annual meeting in honor of Sam Morse, at the Driftwood Cafe, 34th St. Hwy. 19, across from Central Plaza, St. Petersburg, April 22nd. All are welcome and if a ham with portable rig would give a demonstration of ham operation, it would be appreciated. For further info and reservations, call Orle at St. Pete. 544-4658 or Claude Carpenter, Secty., at Tampa 832-3485.

FREE! QSL CARDS

At the Miami Hamboree last month Ed Hooper K4LNP of Hollywood advised SKIP that anyone wishing 100 free 2 color QSL cards may obtain same by sending a request to Pontiac Motor Division, Advertising Department, 196 Oakland Ave., Pontiac, Mich. 48053. Please print your full name, Call letters, address and ZIP number when sending your request. If you like you can request an application card to use as a guideline.

Florida QSO Party

FLORIDA SKIP, the all Florida Amateur Radio publication, is happy to announce the third annual FLORIDA QSO PARTY to be held April 1st and 2nd., 1967. All amateurs are invited to participate. Florida amateurs are urged to work as many out of state stations as possible as well as those within the state.

CONTEST PERIODS: 1500-2000, 0000-0500, 1400-2400, all times GMT.

NOW POWER RESTRICTIONS: NO TIME LIMIT.

SUGGESTED FREQUENCIES: CW: 1815, 3530, 7030, 14,030, 21,030, 28,030 kHz. PHONE: 3930, 7230, 14,230, 21,330, 28,830, 50,250 kHz.

SCORING: Florida station, 1 point per QSO X number of states, Canadian provinces and counties. Other stations in Florida may be worked but only for contact points and to work for

their W.A.F.C. (Worked All Florida Counties) award, but no other multiplier except as a state.

Out of state stations: One point per QSO X number of Florida counties worked on all bands. Bonus points will be given for working Florida counties as follows: First 15, 100 points. Second 15 counties, 200 points. Third 15, 500 points. All 67 counties, 200 points. Third 15, 500 points. All 67 counties 1500 points. Phone and CW contests separate scoring. Stations may be contacted on each band (i.e. 1815, 3530, etc.) for points.

CERTIFICATES: Awarded to highest scoring station in each state, Canadian province and foreign country (with 5 or more contacts) and Florida county. This year the top 3 in the U.S.A. or Canada will receive a beautifully bound Ham Shack Guest Book donated by W4PJU Electronic Tubes of Clewiston, Florida.

LOGS: All logs must be postmarked no later than April 30, 1967 and mailed to: FLORIDA SKIP, Contest Chairman, P.O. Box 501, Miami Springs, Florida 33166.

Good luck ES 73.

David L. Hayden, W4WHK

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CLUB NEWS

(Continued from Page 7)

our old timers - Randy WA4UIS, who has for the past many months been serving in the US Armed forces stationed in Spain.

Following business meeting Neal WA4EWY gave us a very interesting chalk talk - "An introduction to Circuit Analysis."

Bud WA4FFP and Neal WA4EWY report they have started some experimental work towards activating a 2 meter repeater station such as has been very successful in the Chicago area.

Jim WA4KIL had the misfortune of having his 4-400L linear go up in smoke recently. But undismayed, he has started a complete rebuilding operation and the next one will be a pair of 4-400's -- just a mere "Fla. Megawatt."

Ray K4EHQ is attending night classes in commercial radio course instruction at SW High. More power to you Ray - it takes a lot of stamina to go in for night work after a hard day at the office.

Al W4ELR is conducting the commercial radio course at SW High and as a result we won't be seeing him at our meetings for some weeks to come. Don't forget SMRC Al, we need your support as soon as you are again free on meeting nights.

Last week end, Jerry WA4WUD, Claude WB4CTD, Verne WA4ITK, Ernie K4KIC and Jim WA4KIL, pooled their time and resources to take part in the ARRL 40 meter fone dx contest. A 2 element 40 meter beam was pushed up 65 feet at Jerry's QTH and accounted for more than 155 contacts.

Ray K4EHQ continues his regular contact in the 8 AM daily Corncob Net on 40, sometimes QRM'd when his close neighbor W4NE gets up early

enough! W4NE also gets an occasional word with the 6 pm Confusion Net on 80.

Many interesting meetings are planned for the near future and we extend a hearty invitation to all hams in the SW section to come visit with us the first and third Friday's of each month. The meeting room is at the rear north east corner of the school building complex. We are looking forward to seeing you.

FT..MEYERS CLUB

By Ken, W4SMK

The club toured the radio and TV studios of WINK this past month. Vernon Lundquist gave us the extra special tour of the facilities which are continuously being improved. Soon a new high power transmitter and 900 ft. antenna will be in use. The video tape gear and new color equipment was especially interesting.

Barry Goldwater, K7UGA was guest speaker at the Ft. Myers Chamber of Commerce banquet Feb. 2. Clubprexy Ernie Hendry and Louis Persons presented Barry with a life membership in the club and a small trophy. K7UGA had some very kind words for the local gang, as well as amateur radio in general during his speech.

WA4DQE G. E. Sammons, who is also AFB4DQE in the AF MARS program set up his RTTY van at the SW Fla. Fair the first week of Feb. and handled some 400 pieces of traffic to servicemen overseas and here in the States. That teletype is surely a slick method for handling big volumes of traffic, and I think G.E. has won a few converts to MARS and RTTY now. Ye olde editor had not punched a teletype since 1955, but it slowly comes back.

W4LZD's XYL is showing steady improvement after being quite ill. Windy is pleased with his Mercedes Diesel car which is just the cure for mobile ignition noise, even if it is a bit expensive.

We plan another 10 meter hidden transmitter hunt again this month if enough people show up with loops.

Congratulations and good luck to the new Carol City-Opa Locka radio club. Bet we beat you FD, hi.

Thanks to Ham K4SJH for several faithful terms as SCM of E. Fla. K4SJH has really been a worker and W4MBV will have a real job filling his shoes. Good luck to Ham in his future amateur activities and to Jessie in his new job as SCM.

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VHF EASTERN FLORIDA

By Bertha Farr Eggert
WA4BMC

Greetings to all you VHF'ers. How about California working France on two meters, with a 32 element collinear from 6-land and 8 yagis from France!! This is a very wonderful accomplishment, and the rest of us are green with envy.

I do wish all you VHF'ers, who read this column in FLORIDA SKIP, would send me the info on what you are doing on the VHF Bands so I could include it in this column.

A letter from Ken WA4WZZ, from Lakeland, informs us of the following. "During the month of Dec. there were several good band openings on 6 meters from this location. On the 13th, WA4FGB, Memphis, Tenn., came in, then 30 minutes later, at 51 mc. K8ONA, WA8FKU, (hello George), W8TPK all came in and were good copy. On the 14th at 8 PM there was an opening into Texas and Jack WA4WZD and myself worked K5-ZKX, WA5EWD, W5HYF and WA5HGG for two hours. On the 17th and 20th Texas again came in, with no other signals on the band. On the 31st I made fair contact with K8KRG in Ohio and WA4PKM in Kentucky." Thank you, Ken for this nice report.

I have a wonderful two page letter from Harry, WA4HXT from Plantation. I wish I could quote the letter in its entirety, but lack of space prevents this, so I will quote the highlights. Kenn, WA4UYO, went to Miami and after an agonizing wait, got his General Ticket. Gary, WB4DDO, of Indiantown, also has his General. Congratulations to both of you.

Mike, WB4CKE, Plantation is a new Technician and is now assistant NCS from the Broward 6-meter emergency net. He is going to establish a 2-meter club at his own QTH, and he operates a code practice and rag-chewers net on Thursday nights.

On a recent Monday evening Pete, WN4EFZ, was NCS at Broward County CD, and did very well, and Ken, WA4UYO, will undoubtedly put Pete in his "training camp" for seasoning toward "big league" operation.

Russ, K4UJZ, active on 2 and 6 meters from Broward County spent the holidays in Iowa. He used to be a radio operator in Alaska.

Dale, WB4BRH, from Indiana, now living in Florida, is active on 6 and 2 meters.

Dick, WB4CBO, of Hollywood, is active on 6 and 2 meters, and is encouraging his XYL to qualify for her Novice. Hope he gets her to do it.

On Sunday mornings you can usually find 3 or 4 operators from the Broward County area rag chewing on 2 meters. Why not listen and join this group.

On Wednesdays, the "target for tonight" is the genial voice of WA4AZZ, Slim, of the Palm Beach net, with considerable competition among Broward County operators to hear acknowledgement of the check-ins to that net." Thank you Harry, and I wish I could have got all in the column.

73 and see you all on VHF, on the various nets.

BERTHA, WA4BMC, VHF-PAM E. FLA.
ARRL

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ATTENTION! DXers

Announcement is hereby made of an addition to the ARRL Countries List. The addition is Farquhar, Farquhar, formerly one of the Seychelles, is now one of the islands making up the British Indian Ocean Territory. Contacts made with amateur stations on Farquhar November 10, 1965 or later will be counted as separate from the rest of the Seychelles. Honor Roll credits for Farquhar QSLs may be claimed in March, all others in accordance with DXCC submission rules announced in January, 1966 DXCC Notes.

HAMBAR

This column is FREE to any licensed Radio Amateur who is a subscriber to Florida Skip. Limit 3 per year. Additional \$1.00 each. Non-subscribers and non-amateurs \$1.00 each up to 10 lines. All listings are cancelled each month. If your listing is not moved, it will be necessary to relist the following month.

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An Advertising inch is measured 7/8" vertically on one column, i.e., 4 columns—40 column inches to a page. Rate card by column inch supplied upon request. FLORIDA SKIP, Advertising Department, P.O. Box 501, Miami Springs, Fla.

FOR SALE: 15 meter 3 element beam, new \$15.00. (No ship). 72 ohm coax, like new 10 cents a foot. Hallicrafters R-46 communications speaker with 8 or 500 ohm input. \$10.00. Electronic Duomatic Keyer 5 to 50 w.p.m. with built in keying paddle, biscontrol model AKS-7. \$30.00. 200 kHz maker with xtal. \$3.00. Heavy duty TV replacement transformers \$3.50. Will work as Transceiver transformer replacements. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, Florida 33166. Phone 888-3774.

Getting a tax refund is almost as satisfying as being shot at and missed.

AUCTIONFEST

The annual B.A.R.C. auctionfest will be held on Saturday March 11, 1967 at Chaminade High School, 500 North 52nd Ave., Hollywood, Fla. Doors open at 8 a.m. and auctioning begins at 9 a.m. Donation is \$1.00. There will be free coffee, free manufacturer's literature, and Dutch lunch by catering service. All bidders and sellers must register at the door. The club receives 10% of the sale on all items. Directions: Via I-95, Hwy. Blvd. (Fla. 820 exit west to 52nd Ave. and north to the school. School can be seen from Hollywood Blvd. Via the Sunshine Parkway, exit two east on Hwy. Blvd. to 52nd Ave. and north. Via Rt. 441, east on Hwy. Blvd. to 52nd Avenue. Signs will be posted at 52nd Ave. and Hwy. Blvd. See map elsewhere.

FOR SALE: Drake 2B receiver with Xta 1 Cal., book, matching speaker \$175.00. SR-150 transceiver with matching a.c. speaker and power supply \$375.00 General coverage HQ100-A perfect \$95.00. Ameco 2 meter converter \$30.00. Will ship in Florida. Will accept offer on BC221 with cal. book. T/S 174 with modulation and cal. Book. BC-348 with a.c. supply and speaker. Gene W. Starr WA4JDB, 856 Clarke Ave., Eau Gallie, Fla. Phone 254-4421.

FOR SALE: Bird Model 693/TS-188A terminaline wattmeter, brand new, 20-1400Mc., 0-500 watts, cost \$495.00 sell \$95.00. J. W. Gregory, K4OCK, 6495 Killian Dr., Miami, Fla. 33156. Phone 661-7576.

FOR SALE: DX-60 in mint condition \$65.00. HE-10 VFO to match \$25.00. Roy Carter WA4SFF, 3410 Ave. East, Riviera Beach, Fla. 33404. Phone 844-1995.

FOR SALE: B & W 5100 wired for SSB. Make offer. Kitty LePine, W4PPQ, 7673 W. Tropicana St., West Hollywood, Fla. 33023 Phone 989-6265.

NOVICE CRYSTALS, all bands, \$1.30 each. Also other freqs. Free list. Dealer and club inquiries invited. Nat Stinnette, Umatilla, Fla. 32784

FOR SALE: 10 inch electric clock timer with 5 minute buzzer, like new \$9.95. EICO model 221 VTVM, with manual \$22.50. ON THE AIR lighted sign 110 v.a.c. \$4.50. RME preselctor like new \$25.00. Johnson Adventurer 80-10 perfect for Novice or stand-by, with manual \$30.00. Heath Q multiplier, like new \$10.00. Heath Balun coils, like new \$8.00. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, Fla. 33166. Phone 888-3874.

NEED MONEY FOR COLLEGE: Eico 753 tri-band SSB/AM/CW transceiver, 240 watts, 80-40-20 meters, a.c. supply/speaker console. Six months old \$250.00. Gonset communicator III-six meters 110 AC, 6 or 12 v.d.c. \$120.00. John Deegan WA4QLZ, Box 412, U.S.F., Tampa, Fla. 33620 Phone (813) 988-4131.

FOR SALE: HW-32 \$100.00, HT-37 \$225. Both in excellent condition. Bill Turner W4MND, 3624 Squire Lane Orlando, Fla. 32806. Phone 241-1706.

FOR SALE: VHF-FM Knight receiver, 152-174 mc covers, police, fire, CD, weather, mobile phone, etc. New with manual \$45.00. Heathkit 10 band AM/FM/shortwave transistor portable radio. Tunes long wave, std BC, FM, and 2 to 22.5 MHz, operates on batteries, or 117 v.a.c. with converter-charger. Complete radio, batteries, converter, and manual all new condition \$150.00. Saul A. Cohen K4ACJ, 4524 Michigan Ave., Miami Beach, Fla. 33140 Phone 531-9782.

FOR SALE: COLLINS 75S3 receiver \$395.00. 32S1 \$385.00 both like new. Serial no. over 10,000. Also NCL-200B latest model \$485.00 all with 10 day money back guarantee. Two Navy CV-57 converters and manuals, very good working condition. \$75.00. Also one W2JAV transistor converter and power supply on small chassis. \$29.50. Elmer L. Shafer W8MSG, 3479 Kersdale Rd., Cleveland, Ohio. 44124.

FOR SALE: Real cheap broadcast station-type modulation transformer, RCA type 900777-502. Primary 15000 ohms, secondary 5030 ohms. Weight 150 lbs. Price only \$7.00. Cash and cart away. W. S. Heston W4EKJ, 274 Tropic Dr., Lauderdale-by-the-Sea, FL 33308.

FOR SALE: Complete six meter station. Lafayette HE 45B with HE 61A VFO. Fixed and mobile antennas, all cables, brackets, literature, noise filter for car, and a Thoro-test VSWR meter. Rig has new tubes, filters and was just realigned. \$90. complete or will sell separately. Will deliver within 150 miles. Ted Sheppers, WA4YWZ, 1348 Hibiscus Lane, Clearwater, Fla. or Ph. 442-3302.

CUSTOM MADE COFFEE OR DEER MUGS WITH YOUR CALL LETTERS AND NAME. \$3.50 EA. POSTPAID IN FLORIDA, BUT SLIGHTLY HIGHER OUT-OF-STATE. Bert Berthelsen, W4IOI, 150 Cumberland Avenue, Ormond Beach, Fla. 32074.

FOR SALE: Heath Twoer like new \$35. New mike for 2er or 6er \$2. Two DOW relays, one with 12 V and one 115 V coils, \$5. each. New Swan 350 and 117AC supply with warranty cards \$450. firm. B.E. Cole, K4LZW, 901 Homewood Dr., Brandon, Fla. 33511, Phone 689-2400.

FOR SALE: TRADE FOR CASH: Factory wired Joynson Valiant, HQ 110-C, Johnson LP filter, pr GL 813's, misc tubes. First \$250, takes all, sell part also. Jack Wachter, W4OBA 37 Samana Dr., Miami, Fla. 33133.

TRADE: 75S3 and 32S-1, perfect for KWM-2, must be in same condx. L. Wolford, WA4QPR, 1300 N.E. 3rd Street, Ft. Lauderdale, Fla. 33301

WANTED: Ameco 220 MC converter 28MC IF reasonable. For Sale, APT-5 with manual, heavy but will ship. Al Johnson, W6EPO, 229 Lindell Ave., El Cajon, California 92020.

FOR SALE: Hammurand HQ-180A and speaker \$300.00. T. Stanley, Box 217, Perrine, Fla. 33157

WANTED: Operating manual for Viking II xmtr. Everett Powell, W4IMU, 10945 S.W. 53 Drive, Miami, Fla. Phone 271-1960.

SWAP: A prop pitch motor for a push to alk mike. Bill Gardner, W4HWA, 4051 Ortega Forest Drive, Jacksonville, Fla. 32210 PH 389-1095.

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FOR SALE: SBE SB-33 transistor transceiver in mint condition with mobile supply, Turner 250 PTT desk mike and 14 AVS HIGAIN vertical antenna. Best offer now \$200.00 for works. Jerry Smith W7AVA/4 Box 3126, Forest City, FL 32751 Phone Orlando 838-8519.

FOR SALE: Hallicrafters SX-117, 80 to 10 receiver like new \$260.00. Hallicrafters HA-5 heterodyne VFO with all crystals for 80 to 2 meters \$55.00. Mike Borenstein WA4GBM/9 210 Turner House, Kronsage Hall, Madison, WI 5-3706.

FOR SALE: Heathkit Seneca (VHF-1) needs new power xfmr (approx. \$20.), otherwise FB shape, \$98.00 delivered at Orlando Hamfest or you pay shipping. Dick Ackerman WA4FIJ, 1903 Dewitt St., Panama City, Fla. 32401.

FOR SALE: HT-37 excellent Condition with make and relay \$225. Charles Elman, WA4CIK, 1421 Venetia, Coral Gables, Fla. 33134. Phone HI 4-0418.

WANTED: RCA Volt-Ohms any condition as long as meter face good. George Ruos, WA4GRQ, 828 S.E. 10th Terrace, Dearfield Beach, Fla. Phone 399-3912.

WILL SWAP: Single Lens Reflex camera for a Lampkin 105B frequency meter on Model 14 RTTY reperiator both in excellent condition. Larry Loper, W4WHF, 255 Suntan Ave., Sarasota, Fla. 33577 Ph. 958-2343.

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FOR SALE: SHARP Heath Tower \$35. or will trade for good Heath Sixer. New mike for Tower \$2.00. B.E. Cole K4CWZ, 901 Homewood Dr., Brandon, Fla. 689-2400.

FOR SALE: KWM #2 12446 by original owner with a.c. supply, spotless \$750. or best offer. H.F. Bates WA4JWK, 900 Mayfield Ave., Winter Park, Fla. 32789. Phone 647-1825.

The 6th edition of the Ham Phone Directory, listing about 2000 Calls, Handles & Phone numbers of Amateurs in Dade, Broward and Monroe Counties. Subscription \$1.00. HAM PHONE DIRECTORY, Morris Stablin, K4DJW, Editor, 1136 S.W. 74 Court, Miami, Fla. 33144

A man isn't always paid for what he knows but he usually pays for what he doesn't know.

FOR SALE: Almost new Ranger II \$150.00. Hallicrafters S-108 receiver \$90.00. Hernan Villaneces, 9460 SW 34th St., Miami, Fla. 33165 Phone 226-8873.

FOR SALE: SWAN-350, 117XC, a.c. supply, new factory sealed and warranty \$435.00. SWAN-350 homebrew a.c. power supply, 1-1/2 years old, latest factory modifications and xtal calibrator, like new \$300.00. Dick Tesar WA4WIP, 2666 Browning St., Sarasota, Fla. 33577. Phone 958-8271.

FOR SALE: QSLs from 5U4GT. 80 c.w. \$2.50, 75 SSB \$3.5, 40 c.w. 2.00, 20 and 15 1.50, 6 3.75, 2 c.w. 6.99 via moon add \$5.00 (579 standard). For 589 add .72 cents. For 599 add \$1.19. KQK-0007, QSL Mgr., send cash, check or Canadian money order. Hurry!

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Dials Off Please

UNITED STATES amateurs are again reminded that the following countries object to communication between their amateurs and those of other countries. Cambodia, Indonesia, Thailand and Viet Nam forbid such radio communication.

The prefixes to avoid are HS XU 3W8 (or XV5) and 8F. K1YPE/XV5 is operating from Viet Nam with the express authority of the local government and the FCC, therefore, has no objection to U.S. amateurs working K1YPE/XV5.

CANADIA amateurs may not communicate with Cambodia, Indonesia, Laos, Thailand, Viet Nam and Jordan. Prefixes to be avoided are HS JY XU XW8 3W8 (or XV5) and 8F.

(A.R.R.L. OB 97)

Hamboree Report

BY W4EDP

Well, another Hamboree has come and gone and by this time the pooped out feeling that follows has about evaporated. But it was worth it. The highlight as usual was the banquet, which was buffet style this year. The food was plentiful and excellent, the MC was short winded and the featured speaker was interesting. The featured speaker was Dr. Needell, a local doctor, a local doctor, a specialist in urology, who served two hitches with the hospital ship Hope, one in Africa and another in South America. He had many color slides of the countries he had visited, the ship and its facilities, as well as some of the patients they served. Anyone who saw his presentation and is not glad he lives in these United States is out of his mind. By the time this appears in Skip the Hope will have been in Miami and out again. If you did not visit the ship during its stay you missed a treat.

Other Hamboree Highlights: The ARPSC boys had a station on the air both days using a Heathkit transceiver feeding a whip antenna on a car parked along side the auditorium and literally worked the world in both days on CW and SSB.

The swap shop did a land of office business all day long with lots of equipment changing hands. There were lots of good buys available, and the horse-traders were in full bloom.

The ladies exhibits set up by the Homemakers Club were very attractive and drew lots of

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A surprise award was made at the Miami Hamboree, Jan. 22, 1967. It reads as follows: "A.R.E.C. AWARD A.R.P.S.C. ANDREW C. CLARK W4IYT for his distinguished and continuous service as A.R.R.L. Section Emergency Coordinator, Eastern Florida 1955-1967." Presented by the Emergency Coordinators and Assistant Emergency Coordinators of Eastern Florida Section A.R.R.L. State Convention, Miami, Florida January 21-22. (Don Simcox Photo)



Here Frank Butler W4RKH SCM W. Fla. and Geo. Thurston W4MLE SEC of W. Fla. discuss the Miami Hamboree/Convention on their way home 28,000 feet up on an EAL Jet. Glad you could make it men-- see you in Orlando in April.

attention from the XYLS.

The Davco folks had an exhibit of their all transistor communications receiver, and wasn't it a jewel?--- Someone dumped a big gob of RF into the input of the National HRO500 and the input transistor went into orbit--RIGHT NOW!

So good-bye Hamboree for this year, see you again next January.

Publication Change

We are sorry to report that the HAM MARKET NEWS of Atlanta, Ga. is no longer in operation. Editor Jon, K4LLP is refunding all subscription money. His address is P.O. Box 13934, Atlanta, Ga. Sorry to hear the bad news Jon.

ARRL HAMBOREE

(Continued from Page 1)

a dozen "Sidebanders" led by Jesse-MVB, who hurried down from their breakfast to hear George Thurston - W4MLE's fine talk on the ARRL Operating Manual...we thank you George.

BOOTHS...one of the busiest was the combination group of FLORIDA SKIP, North Miami Amateur Radio Club (NOMARC) ARPSC Station headed up by Smitty's - K4KRN gang of W4-FHZ, WA4VZW and Tandy-K4-YSN and Glen-WA4LHK with the live WEDR-FM broadcasts featured by an ARPSC program of interviews with ARRL SE DIV. DIRECTOR W4LVV, and E. FLA. SEC W4IYT.

Programs galore....we enjoyed especially George Grammer's W1DF, excellent talk and slides on the history the ARRL and ham radio...like living the pages of 200 Meters and Down.

Southern Bell's, Laser Demonstration was extremely interesting as was the discourse on communication by meteor scatter.

Andy Clark, Mr. Amateur Radio of FLORIDA SKIP received a well deserved token of appreciation for his 13 years of faithful service as Eastern Florida's Section Emergency Coordinator...a beautiful silver cup presented to him by Ham-K4SJH our ARRL Vice-Director, and most thoughtfully arranged for thru efforts of Tom-W4FP and no doubt others of whom I am not aware. Andy was deeply moved and appreciative of this fine gesture.

After 15 years we renewed our acquaintance (rather quickly), with Evelyn Gauzens, W4-WYR...now there's a gal that really bubbles over with energy and enthusiasm. IT WAS FINE, Ev, Congratulations to you and all the gang for a BIG JOB, WELL DONE.

73 de REG, W4ILE
RM E FLA.

RTTY famous for many years (about 15) among RTTY amateurs has shifted editorship from W6AEE in Calif. to Dusty Dunn W8CQ, P.O. Box 837, Royal Oak, Michigan 48068. RTTY Journal contains only RTTY info--nothing else. It is beautifully done and the subscription rate is \$3.00 first class mail, or \$3.50 air mail. You Florida RTTY'ers write for a sample.